

COMBINED DECLARATION FOR PATENT
APPLICATION AND POWER OF ATTORNEY
(Includes Reference to PCT International Applications)

Rec'd PCT/PTO 08 MAY 2006
ATTORNEY'S DOCKET
NUMBER 176/61442 (6-1196)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

10/541044

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

HYBRIDIZATION-BASED BIOSENSOR CONTAINING HAIRPIN PROBES AND USE THEREOF /

the specification of which (check only one item below):

☐ is attached hereto.

☐ was filed as U.S. Patent Application Serial No. _____ on _____ and was amended on _____ (if applicable).

☒ was filed as PCT International Application Number PCT/US2004/000093 on 02 January 2004/

I hereby state that I have reviewed and understand the contents of the above-identified specifications, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim priority benefits under Title 35, United States Code, § 119 of any application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States listed below and have also identified below any application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

PRIOR APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:

COUNTRY (IF PCT, indicate "PCT")	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC 119
U.S.A.	60/437,780 /	02 January 2003	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO

COMBINED DECLARATION FOR PATENT
APPLICATION AND POWER OF ATTORNEY (Continued)
(Includes Reference to PCT International Applications)

Rec'd PCT/PTO 08 MAY 2008
ATTORNEY'S DOCKET NUMBER
146/01442 (6-11-96)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT International application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT International filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:

U.S. APPLICATIONS

STATUS (Check One)

U.S. APPLICATION NUMBER

U.S. FILING DATE

PATENTED

PENDING

ABANDONED

PCT APPLICATIONS DESIGNATING THE U.S.

PCT
APPLICATION NO.

PCT
FILING DATE

U.S. SERIAL NUMBERS
ASSIGNED (if any)

PCT/US2004/000093 ✓

02 January 2004 ✓

10/541,044 ✓

X

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith **Michael L. Goldman, Registration No. 30,727; Joseph M. Noto, Registration No. 32,163; Gunnar G. Leinberg, Registration No. 35,584; Edwin V. Merkel, Registration No. 40,087; Alice Y. Choi, Registration No. 45,758; Andrew K. Gonsalves, Registration No. 48,145; Noreen L. Connolly, Registration No. 48,987; Shelley A. Jones, Registration No. 53,081; Tate L. Tischner, Registration No. 56,048**

Send Correspondence to:

Edwin V. Merkel, Esq.
NIXON PEABODY LLP
Clinton Square, P.O. Box 31051
Rochester, New York 14603

Direct telephone calls to:

Edwin V. Merkel
(585) 263-1128

FULL NAME
OF INVENTOR

FAMILY NAME
MILLER

FIRST GIVEN NAME
Benjamin

SECOND GIVEN NAME
L.

RESIDENCE &
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STATE/FOREIGN COUNTRY
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COUNTRY OF CITIZENSHIP
U.S.A. ✓

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17 Rolling Meadows Way

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FULL NAME OF
INVENTOR

FAMILY NAME
KRAUSS

FIRST GIVEN NAME
Todd

SECOND GIVEN NAME
D.

RESIDENCE &
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CITY
Penfield

STATE/FOREIGN COUNTRY
New York

COUNTRY OF CITIZENSHIP
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29 Walnut Hill Drive

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STATE & ZIP CODE/COUNTRY
New York 14526

FULL NAME OF
INVENTOR

FAMILY NAME
DU

FIRST GIVEN NAME
Hui

SECOND GIVEN NAME

RESIDENCE &
CITIZENSHIP

CITY
Rochester

STATE/FOREIGN COUNTRY
New York

COUNTRY OF CITIZENSHIP
China

POST OFFICE
ADDRESS

P.O. ADDRESS
330 Kendrick Road

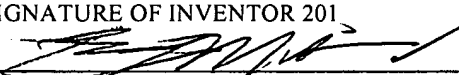
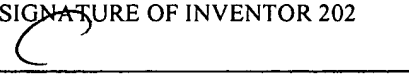
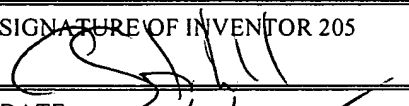
CITY
Rochester

STATE & ZIP CODE/COUNTRY
New York 14620

10/541044

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (Continued) (Includes Reference to PCT International Applications)				ATTORNEY'S DOCKET NUMBER 176/61442 (6-1196)
2 0 4	FULL NAME OF INVENTOR	FAMILY NAME CRNKOVICH	FIRST GIVEN NAME Nicole	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY Rochester	STATE/FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP U.S.
	POST OFFICE ADDRESS	P.O. ADDRESS 6 Flamingo Drive	CITY Rochester	STATE & ZIP CODE/CTRY New York 14624
5-00 2 0 5	FULL NAME OF INVENTOR	FAMILY NAME <u>STROHSAHL</u>	FIRST GIVEN NAME <u>Christopher</u>	SECOND GIVEN NAME <u>M.</u>
	RESIDENCE & CITIZENSHIP	CITY <u>Saugerties</u> NY.	STATE/FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP U.S. ✓
	POST OFFICE ADDRESS	P.O. ADDRESS P. O. Box 353	CITY Saugerties	STATE & ZIP CODE/CTRY New York 12477

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201 	SIGNATURE OF INVENTOR 202 	SIGNATURE OF INVENTOR 203
DATE 4-27-06	DATE	DATE
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205 	SIGNATURE OF INVENTOR 206
DATE	DATE 4/27/2006	DATE

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U.S. APPLICATION NUMBER	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
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PCT APPLICATION NO.	PCT FILING DATE	U.S. SERIAL NUMBERS ASSIGNED (if any)		
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NIXON PEARBODY LLP
Clinton Square, P.O. Box 31051
Rochester, New York 14603

Direct telephone calls to: Edwin V. Merkel
(585) 263-1128

201	FULL NAME OF INVENTOR	FAMILY NAME MILLER	FIRST GIVEN NAME Benjamin	SECOND GIVEN NAME L.
	RESIDENCE & CITIZENSHIP	CITY Penfield	STATE/FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP U.S.A.
	POST OFFICE ADDRESS	P.O. ADDRESS 17 Rolling Meadows Way	CITY Penfield	STATE & ZIP CODE/COUNTRY New York 14526 U.S.A.
202	FULL NAME OF INVENTOR	FAMILY NAME KRAUSS	FIRST GIVEN NAME Todd	SECOND GIVEN NAME D.
	RESIDENCE & CITIZENSHIP	CITY Penfield	STATE/FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP U.S.A.
	POST OFFICE ADDRESS	P.O. ADDRESS 29 Walnut Hill Drive	CITY Penfield	STATE & ZIP CODE/COUNTRY New York 14526
303	FULL NAME OF INVENTOR	FAMILY NAME DU	FIRST GIVEN NAME Hui	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY Sunnyvale CA	STATE/FOREIGN COUNTRY California	COUNTRY OF CITIZENSHIP China
	POST OFFICE ADDRESS	P.O. ADDRESS 1063 Morse Avenue, Apt. 2-203	CITY Sunnyvale	STATE & ZIP CODE/COUNTRY California, 94089

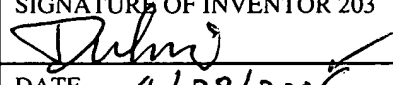
ATTORNEY'S DOCKET NUMBER

176/61442 (6-1196)

107541044

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (Continued) (Includes Reference to PCT International Applications)				
2 0 4	FULL NAME OF INVENTOR	FAMILY NAME CRNKOVICH	FIRST GIVEN NAME Nicole	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY Rochester	STATE/FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP U.S.
	POST OFFICE ADDRESS	P.O. ADDRESS 6 Flamingo Drive	CITY Rochester	STATE & ZIP CODE/CTRY New York 14624
2 0 5	FULL NAME OF INVENTOR	FAMILY NAME STROHSAHL	FIRST GIVEN NAME Christopher	SECOND GIVEN NAME M.
	RESIDENCE & CITIZENSHIP	CITY Saugerties	STATE/FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP U.S.
	POST OFFICE ADDRESS	P.O. ADDRESS P. O. Box 353	CITY Saugerties	STATE & ZIP CODE/CTRY New York 12477

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SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203 
DATE	DATE	DATE 4/28/2006
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
DATE	DATE	DATE

COMBINED DECLARATION FOR PATENT
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ATTORNEY'S DOCKET
NUMBER
176/61442 (6-1196)

Rec'd PCT/PTO 08 MAY 2006

10/541044

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- ☐ was filed as U.S. Patent Application Serial No. _____ on _____ and was amended on _____ (if applicable).
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			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
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COMBINED DECLARATION FOR PATENT
APPLICATION AND POWER OF ATTORNEY (Continued)
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U.S. APPLICATIONS		STATUS (Check One)		
U.S. APPLICATION NUMBER	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
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PCT APPLICATION NO.	PCT FILING DATE	U.S. SERIAL NUMBERS ASSIGNED (if any)		
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Clinton Square, P.O. Box 31051
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Direct telephone calls to:
Edwin V. Merkel
(585) 263-1128

201	FULL NAME OF INVENTOR	FAMILY NAME MILLER	FIRST GIVEN NAME Benjamin	SECOND GIVEN NAME L.
	RESIDENCE & CITIZENSHIP	CITY Penfield	STATE/FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP U.S.A.
	POST OFFICE ADDRESS	P.O. ADDRESS 17 Rolling Meadows Way	CITY Penfield	STATE & ZIP CODE/COUNTRY New York 14526 U.S.A.
202	FULL NAME OF INVENTOR	FAMILY NAME KRAUSS	FIRST GIVEN NAME Todd	SECOND GIVEN NAME D.
	RESIDENCE & CITIZENSHIP	CITY Penfield NY	STATE/FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP U.S.A. ✓
	POST OFFICE ADDRESS	P.O. ADDRESS 29 Walnut Hill Drive	CITY Penfield	STATE & ZIP CODE/COUNTRY New York 14526
203	FULL NAME OF INVENTOR	FAMILY NAME DU	FIRST GIVEN NAME Hui	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY Rochester	STATE/FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP China
	POST OFFICE ADDRESS	P.O. ADDRESS 330 Kendrick Road	CITY Rochester	STATE & ZIP CODE/COUNTRY New York 14620

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (Continued) (Includes Reference to PCT International Applications)				ATTORNEY'S DOCKET NUMBER 176/61442 (6-1196)	
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	POST OFFICE ADDRESS	P.O. ADDRESS 6 Flamingo Drive	CITY Rochester	STATE & ZIP CODE/CTRY New York 14624	
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	RESIDENCE & CITIZENSHIP	CITY Saugerties	STATE/FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP U.S.	
	POST OFFICE ADDRESS	P.O. ADDRESS P. O. Box 353	CITY Saugerties	STATE & ZIP CODE/CTRY New York 12477	

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SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202 	SIGNATURE OF INVENTOR 203
DATE	DATE 4 May '06 ✓	DATE
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
DATE	DATE	DATE

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COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (Continued) (Includes Reference to PCT International Applications)				ATTORNEY'S DOCKET NUMBER 176/61442 (6-1196) 10/541044
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.		
SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203
DATE	DATE	DATE
SIGNATURE OF INVENTOR 204 <i>Nicole Crnkovich</i>	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
DATE 3/15/2006	DATE	DATE